

SEQUENCE LISTING

<110> Golz, Stefan
Bruggemeier, Ulf
Weingartner, Bernhard

<120> Diagnostics and Therapeutics for Diseases Associated with
Neuropeptide FF Receptor 1 (NPFF1)

<130> Le A 35 944

<150> PCT/EP03/02685
<151> 2003-03-14

<150> EP 02006654.4
<151> 2002-03-26

<160> 5

<170> PatentIn version 3.3

<210> 1
<211> 1293
<212> DNA
<213> Homo sapiens

<400> 1
atggaggggg agccctccca gcctcccaac agcagttggc ccctaagtca gaatgggact 60
aacactgagg ccaccccggc taaaaacctc accttctcct cctactatca gcacacctcc 120
cctgtggcgg ccatgttcat tgtggcctat gcgctcatct tcctgctctg catggtgggc 180
aacaccctgg tctgtttcat cgtgctcaag aaccggcaca tgcatactgt caccaacatg 240
ttcatcctca acctggctgt cagtgaacctg ctgggtgggca tcttctgcat gcccaccacc 300
cttgtggaca acctcatcac tgggtggccc ttcgacaatg ccacatgcaa gatgagcggc 360
ttggtgcagg gcatgtctgt gtcggcttcc gttttcacac tgggtggccat tgctgtggaa 420
aggttccgct gcatcgtgca ccctttccgc gagaagctga ccctgcggaa ggcgctcgtc 480
accatcgccg tcatctgggc cctggcgctg ctcatcatgt gtccctcggc cgtcacgctg 540
accgtcaccg gtgaggagca ccacttcatg gtggacgccc gcaaccgctc ctaccctctc 600
tactcctgct gggaggcctg gcccgagaag ggcattgcga gggcttacac cactgtgctc 660
ttctgcaca tctacctggc gccgctggcg ctcatcgtgg tcatgtacgc ccgcatcgcg 720
cgcaagctct gccaggcccc gggcccgcc cccgggggcg aggaggctgc ggaccgcga 780
gcatcgcggc gcagagcgcg cgtggtgcac atgctggtca tgggtggcgct gttcttcacg 840
ctgtcctggc tgccgctctg ggcgctgctg ctgctcatcg actacgggca gctcagcgcg 900
ccgcagctgc acctggtcac cgtctacgcc ttccccttcg cgactggct ggccttcttc 960
aacagcagcg ccaaccccat catctacggc tacttcaacg agaacttccg ccgcggcttc 1020
caggccgcct tccgcgccc cctctgccc cgcccgtcgg ggagccacaa ggaggcctac 1080
tccgagcggc ccggcgggct tctgcacagg cgggtcttcg tgggtggtgc gccagcgac 1140
tccgggctgc cctctgagtc gggccctagc agtggggccc ccaggcccgg ccgcctcccg 1200
ctgcggaatg ggcgggtggc tcaccacggc ttgccaggg aagggcctgg ctgctccac 1260

ctgccccctca ccattccagc ctgggatatc tga

1293

<210> 2
<211> 430
<212> PRT
<213> Homo sapiens
<400> 2

Met Glu Gly Glu Pro Ser Gln Pro Pro Asn Ser Ser Trp Pro Leu Ser
1 5 10 15
Gln Asn Gly Thr Asn Thr Glu Ala Thr Pro Ala Thr Asn Leu Thr Phe
20 25 30
Ser Ser Tyr Tyr Gln His Thr Ser Pro Val Ala Ala Met Phe Ile Val
35 40 45
Ala Tyr Ala Leu Ile Phe Leu Leu Cys Met Val Gly Asn Thr Leu Val
50 55 60
Cys Phe Ile Val Leu Lys Asn Arg His Met His Thr Val Thr Asn Met
65 70 75 80
Phe Ile Leu Asn Leu Ala Val Ser Asp Leu Leu Val Gly Ile Phe Cys
85 90 95
Met Pro Thr Thr Leu Val Asp Asn Leu Ile Thr Gly Trp Pro Phe Asp
100 105 110
Asn Ala Thr Cys Lys Met Ser Gly Leu Val Gln Gly Met Ser Val Ser
115 120 125
Ala Ser Val Phe Thr Leu Val Ala Ile Ala Val Glu Arg Phe Arg Cys
130 135 140
Ile Val His Pro Phe Arg Glu Lys Leu Thr Leu Arg Lys Ala Leu Val
145 150 155 160
Thr Ile Ala Val Ile Trp Ala Leu Ala Leu Leu Ile Met Cys Pro Ser
165 170 175
Ala Val Thr Leu Thr Val Thr Arg Glu Glu His His Phe Met Val Asp
180 185 190
Ala Arg Asn Arg Ser Tyr Pro Leu Tyr Ser Cys Trp Glu Ala Trp Pro
195 200 205
Glu Lys Gly Met Arg Arg Val Tyr Thr Thr Val Leu Phe Ser His Ile
210 215 220
Tyr Leu Ala Pro Leu Ala Leu Ile Val Val Met Tyr Ala Arg Ile Ala
225 230 235 240

Arg Lys Leu Cys Gln Ala Pro Gly Pro Ala Pro Gly Gly Glu Glu Ala
 245 250 255
 Ala Asp Pro Arg Ala Ser Arg Arg Arg Ala Arg Val Val His Met Leu
 260 265 270
 Val Met Val Ala Leu Phe Phe Thr Leu Ser Trp Leu Pro Leu Trp Ala
 275 280 285
 Leu Leu Leu Leu Ile Asp Tyr Gly Gln Leu Ser Ala Pro Gln Leu His
 290 295 300
 Leu Val Thr Val Tyr Ala Phe Pro Phe Ala His Trp Leu Ala Phe Phe
 305 310 315 320
 Asn Ser Ser Ala Asn Pro Ile Ile Tyr Gly Tyr Phe Asn Glu Asn Phe
 325 330 335
 Arg Arg Gly Phe Gln Ala Ala Phe Arg Ala Arg Leu Cys Pro Arg Pro
 340 345 350
 Ser Gly Ser His Lys Glu Ala Tyr Ser Glu Arg Pro Gly Gly Leu Leu
 355 360 365
 His Arg Arg Val Phe Val Val Val Arg Pro Ser Asp Ser Gly Leu Pro
 370 375 380
 Ser Glu Ser Gly Pro Ser Ser Gly Ala Pro Arg Pro Gly Arg Leu Pro
 385 390 395 400
 Leu Arg Asn Gly Arg Val Ala His His Gly Leu Pro Arg Glu Gly Pro
 405 410 415
 Gly Cys Ser His Leu Pro Leu Thr Ile Pro Ala Trp Asp Ile
 420 425 430

<210> 3
 <211> 25
 <212> DNA
 <213> Homo sapiens

<400> 3
 caccttctcc tcctactatc agcac

25

<210> 4
 <211> 19
 <212> DNA
 <213> Homo sapiens

<400> 4
 cctcccctgt ggcgccat

19

<210> 5
 <211> 19

<212> DNA
<213> Homo sapiens
<400> 5
gcgcataggc cacaatgaa

19